

(LD 1507)

OCTOBER 2013

Sub. Code: 3009

**DIPLOMA IN CLINICAL PATHOLOGY (DCP) EXAMINATION
BIOCHEMISTRY AND MICROBIOLOGY**

Q.P. Code : 343009

Time: Three Hours

Maximum: 100 marks

(ANSWER SECTION A & B SEPARATELY)

**SECTION A
(BIOCHEMISTRY)**

I. Elaborate on:

(1X15=15)

1. Write in detail about the investigations carried out in a patient with renal disorders?

II. Write notes on:

(5X7=35)

1. Clinically significant isoenzymes
2. Thyroid profile in diagnosis
3. Glucose tolerance test
4. Galactosemia
5. Calcium Homeostasis.

**SECTION B
(MICROBIOLOGY)**

I. Elaborate on:

(1X15=15)

1. Define Pyrexia of Unknown Origin. Write in detail the characteristics, Pathogenesis and Laboratory Diagnosis of Salmonella.

II. Write notes on:

(5X7=35)

1. Laboratory Diagnosis of Kala Azar.
2. Cryptococcus neoformans.
3. Coagulase Test.
4. Prophylaxis of Rabies.
5. Nosocomial infection.
